



Bay Park and Village of East Rockaway Public Meeting #2

November 12, 2013

Introductions

Nassau County Regional Lead

- Laura Munafo

Regional Planner

- Nancy Rucks
- Tracey O'Malley

Bay Park, Village of East Rockaway Planning Committee

- Ed Zangrillo, Chair
- Gary Aue
- Steve Fried
- Genevieve Keddy
- Harold Messerschmitt
- Kristin Ochtera
- Brendon W Perini
- Andrew Pagliaro
- Anthony Proto
- Antonia Rosello
- Rachel Sumerson
- Melissa Van Wickler

Introductions

Bay Park, Village of East Rockaway Planning Committee

Chair
Ed Zangrillo

Committee Members

NY Rising Community Reconstruction Program

Director: Jamie Rubin

Nassau County Lead: Laura Munafo

Regional Planners: Nancy Rucks and Tracey
O'Malley

Planning Team

Perkins Eastman

BFJ Planning

Louis Berger Group

Rhodeside & Harwell -- Urbanomics -- John V. Waters -- dLand Studios

PACO Group -- Marsh Risk Consulting -- Amman & Whitney -- VJ Associates -- Tidal Basin

Community Reconstruction (CR) Plan

Tonight's agenda

- 6:30 Welcome and Sign-in
- 6:45-7:15 Overview of the New York Rising Program
NYRCR Conceptual Plan
Reconstruction Strategies and Potential Projects
- 7:15-8:30 Open House – **We need your feedback!**

NY Rising Community Reconstruction Program



The Community Reconstruction Program:

Key Steps

- Identify and *assess the community's key assets*
- *Assess the risks and vulnerabilities* to future natural disasters
- Identify *projects and actions* to increase resilience and further economic development

The Community Reconstruction Program: *Key Elements of the Plan*

The Plan should:

- Increase resilience of the *key assets*
- Address *short, medium and long-term risks*
- Balance *costs and benefits*
- Protect *vulnerable populations*
- Drive *economic growth*
- Coordinate with *Regional Initiatives*
- Outline Steps for *implementation*
- *Identify Funding Sources*

Process: *The Six Reconstruction Strategies*

1. Community Planning & Capacity Building



2. Economic Development



3. Health & Social Services



4. Housing



5. Infrastructure



6. Natural & Cultural Resources



Comprehensive Funding Resources

NY Rising Community Reconstruction Program Funds:

- ***Up to \$6.7 million allocated for reconstruction projects*** in the Bay Park/Village of East Rockaway CR Area
- ***Possible additional funds*** for exemplary public engagement, regional coordination and design innovation.

Additional select *Federal* funds:

- CDBG-DR
- FEMA: Public & Individual Assistance, Hazard Mitigation Grants
- Social Services Block Grants
- Federal Transit Authority & Federal Highway Administration Relief
- Clean Water & Drinking Water State Revolving Fund

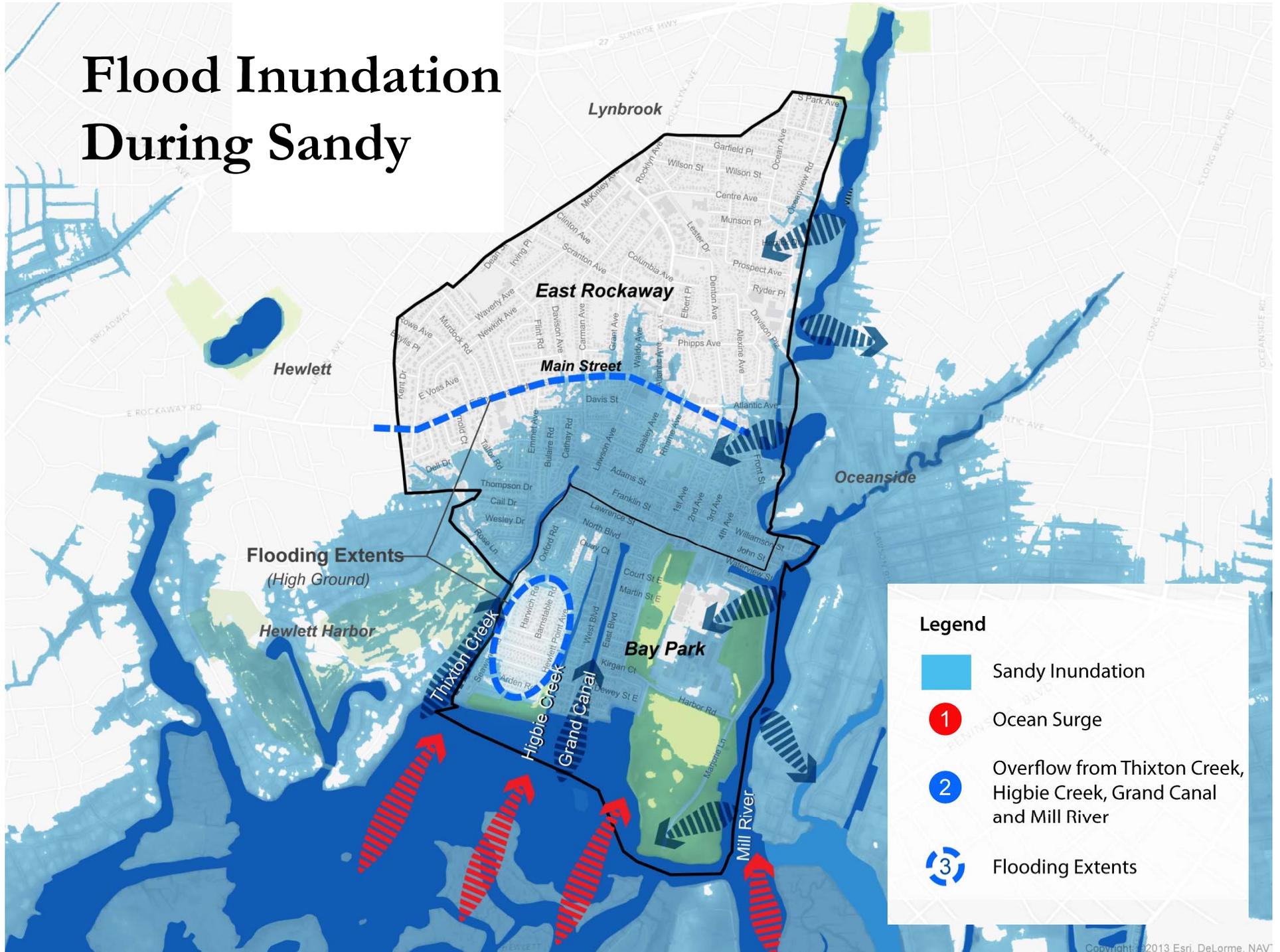
Additional select *NY State* funds:

- NY Smart Home Buyout Program
- Small Business Matching Grant Program (CDBG-DR)

Study Area



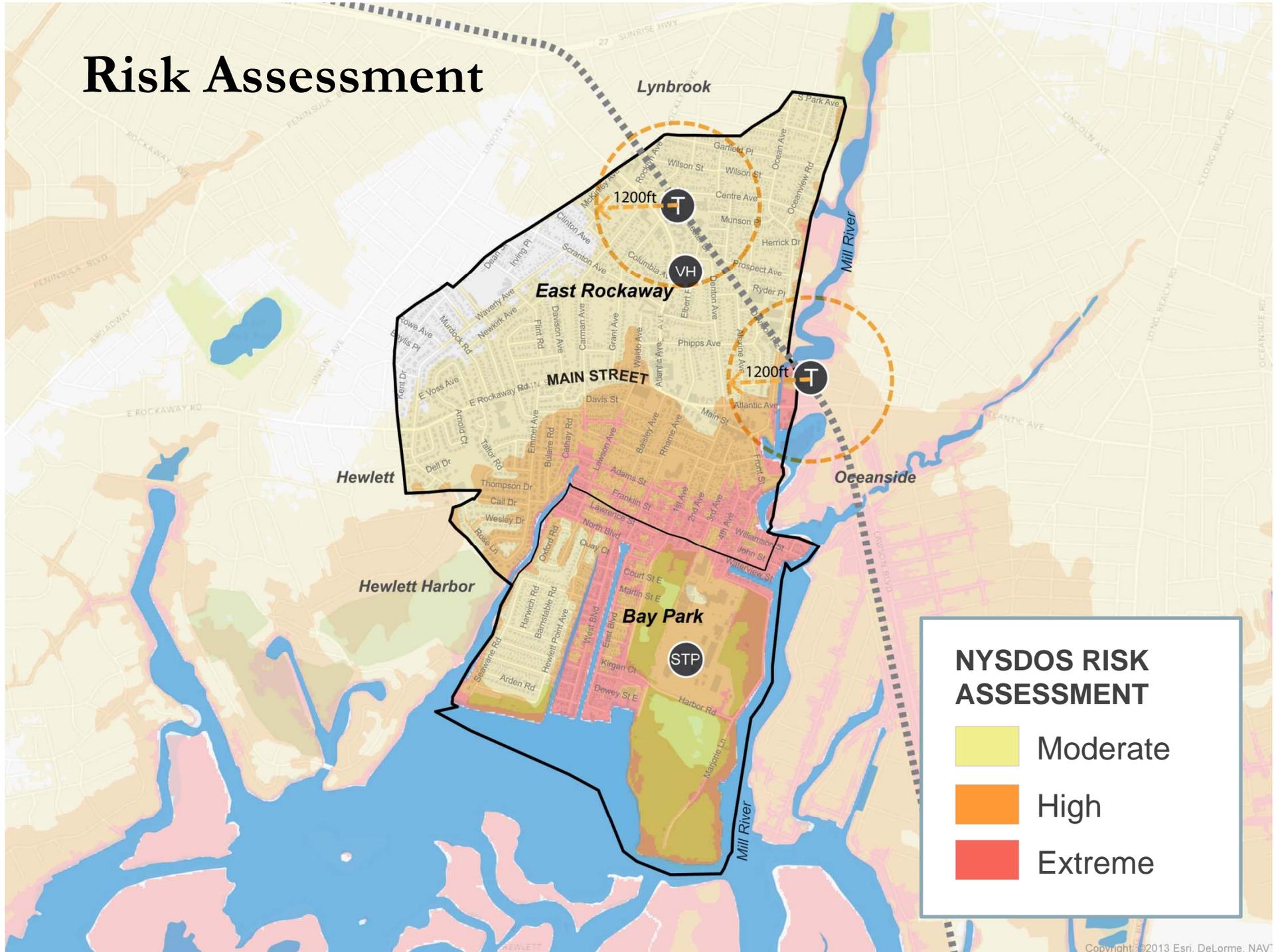
Flood Inundation During Sandy



Legend

- Sandy Inundation
- 1 Ocean Surge
- 2 Overflow from Thixton Creek, Higbie Creek, Grand Canal and Mill River
- 3 Flooding Extents

Risk Assessment

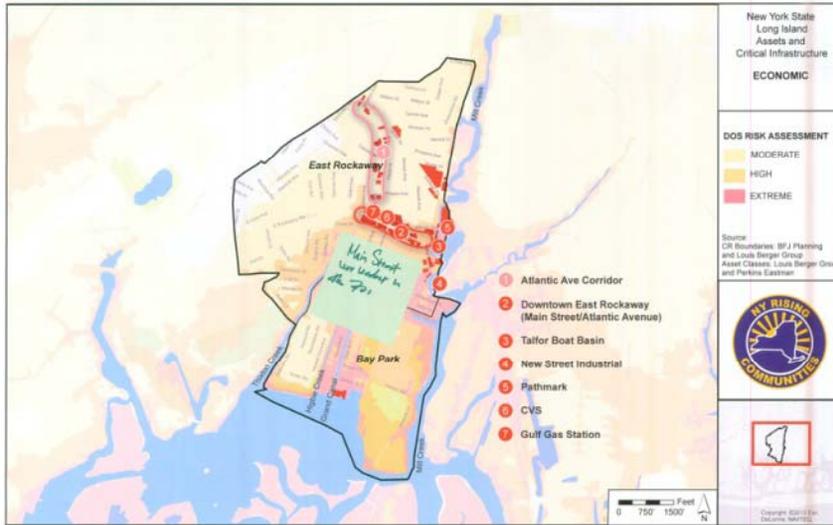


Public Engagement Meeting #1

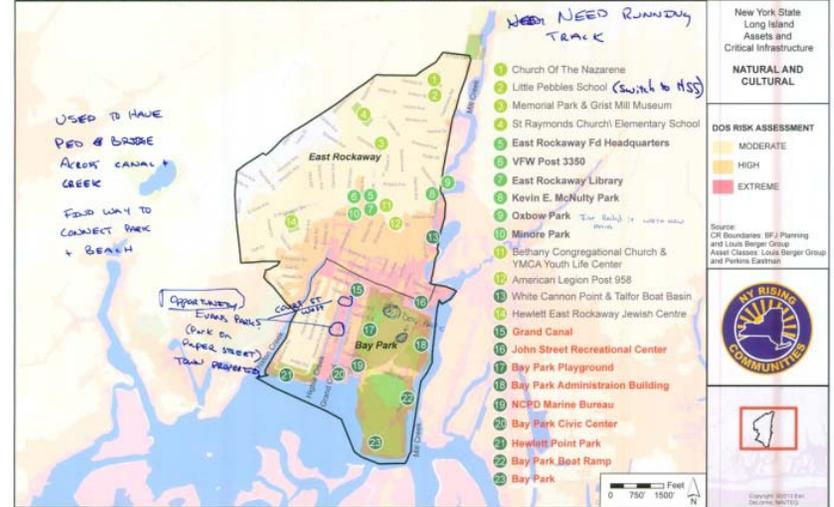


Understanding the Area's Critical Assets

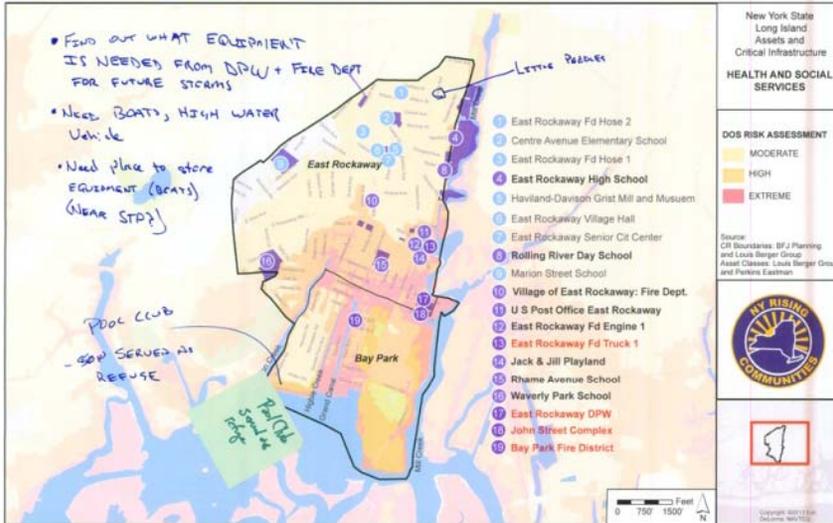
ECONOMIC



NATURAL AND CULTURAL RESOURCES



HEALTH AND SOCIAL SERVICES



INFRASTRUCTURE



Potential Projects to Address Future Risks

PROTECT THE COASTLINE FROM FLOODING

1. Raise bulkheads to 9 feet where feasible
2. Evaluate floodgates and levees
3. Fix failing bulkheads

ADDRESS RECURRING STORMWATER DRAINAGE ISSUES

4. Raise Lawson Avenue
5. Use Bay County Park for stormwater retention
6. Drainage infrastructure upgrades*
7. Outfall pipe upgrades*
8. Develop system-wide comprehensive stormwater management strategy*

HARDEN MUNICIPAL INFRASTRUCTURE AND IMPROVE CAPABILITY TO RESPOND TO STORM EVENTS

9. Floodproof DPW garage and equipment
10. Floodproof radio & cell phone towers
11. Rebuild pedestrian bridge across Higbie Creek
12. Designated staging facility/municipal shelter*
13. Purchase low-profile boats and a high water vehicle*
14. Increased storage space for vehicles and equipment*
15. Develop Comprehensive Evacuation Plan*

IMPROVE THE OVERALL QUALITY OF LIFE

16. Develop the municipal building as an indoor recreation area
17. Floodproofing at John Street Recreation Center
18. Pocket parks at 2 Town-owned parcels on West Blvd

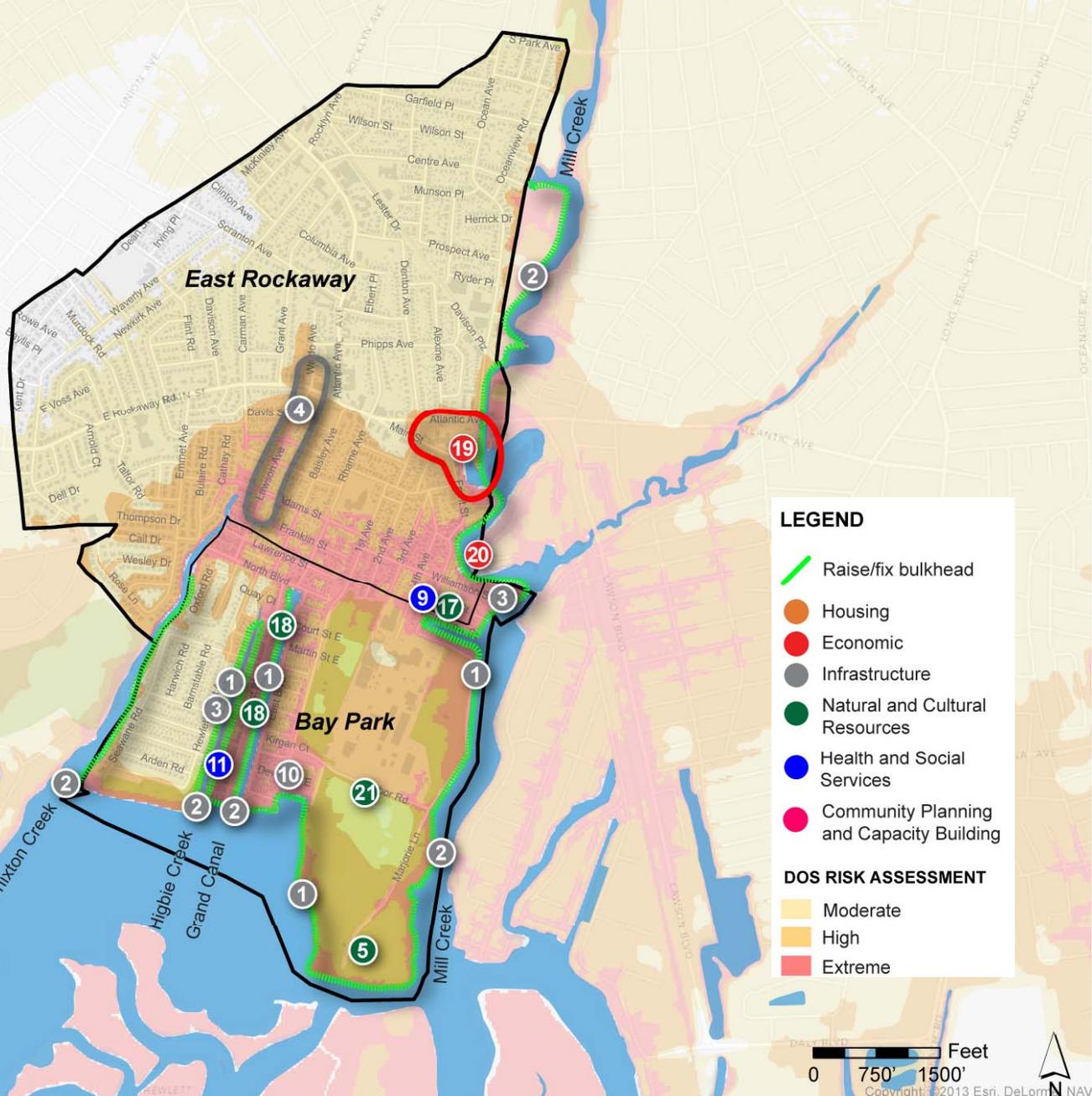
STRENGTHEN THE ECONOMY WITH MIXED-USE REDEVELOPMENT AROUND THE COMMERCIAL SPINE

19. Main Street and Talfor Boat Basin
20. New Street: Water-based mixed-use redevelopment

LEVERAGE IMPROVEMENTS TO BAY PARK STP TO PROVIDE NEEDED LOCAL AMENITIES

21. Repairs and improvements in Bay County Park including nature walk and new recreation facilities

* = General improvement/not indicated on map



LEGEND

- Raise/fix bulkhead
- Housing
- Economic
- Infrastructure
- Natural and Cultural Resources
- Health and Social Services
- Community Planning and Capacity Building

DOS RISK ASSESSMENT

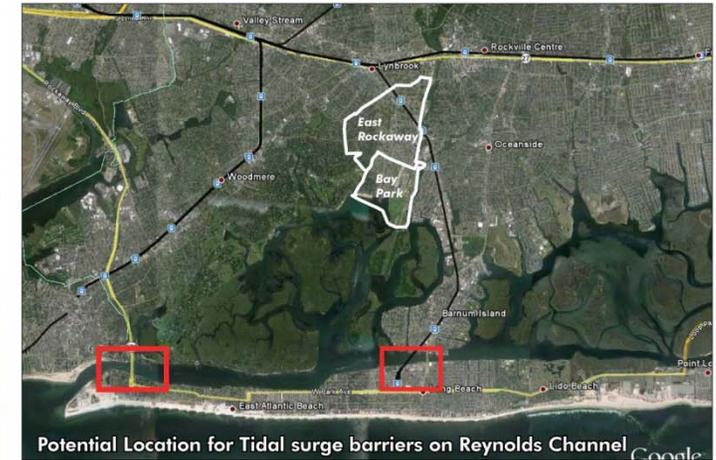
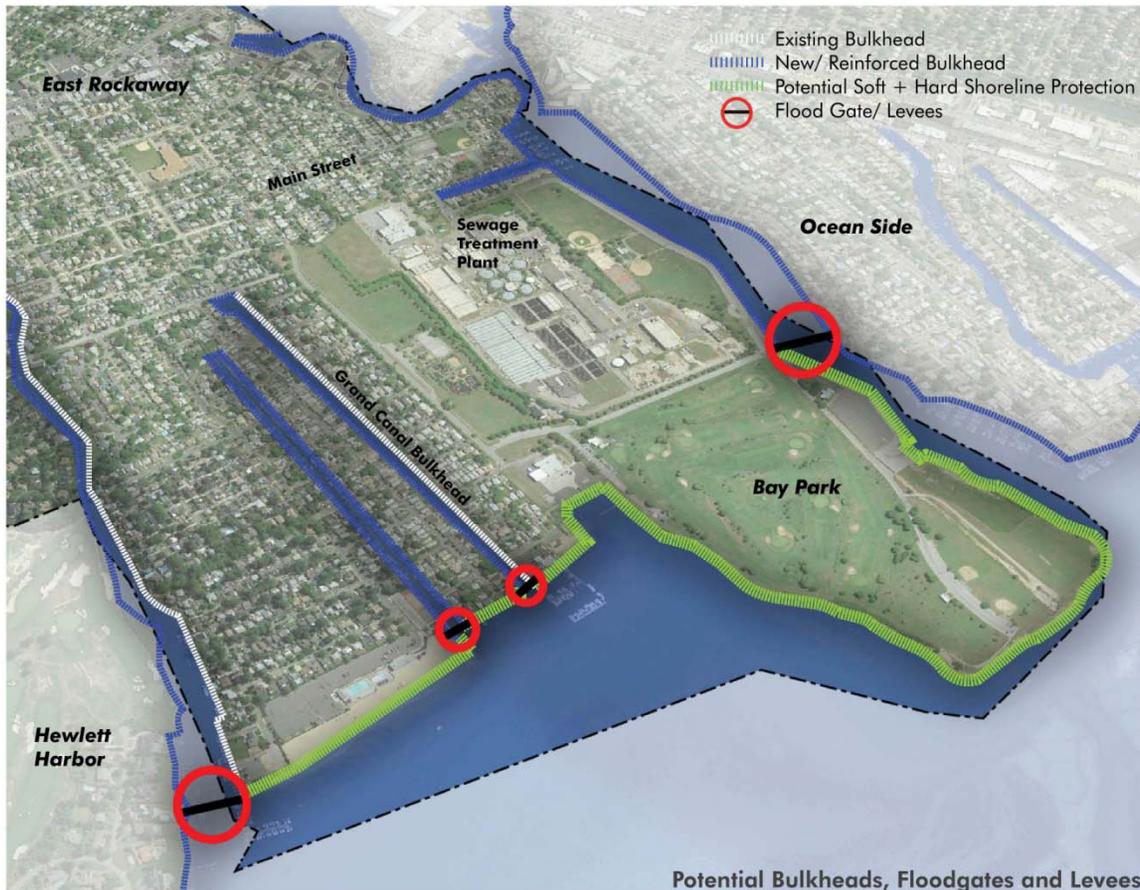
- Moderate
- High
- Extreme

What We Have Heard to Date

Reconstruction Themes

1. *Protect the Coastline from Flooding*
2. *Address Recurring Stormwater Drainage Issues*
3. *Harden Municipal Infrastructure*
4. *Improve the Overall Quality of Life to Maintain Housing Values*
5. *Strengthen the Local Economy by Making Main Street More Resilient*
6. *Leverage Improvements to Bay Park STP to Provide Needed Local Amenities*

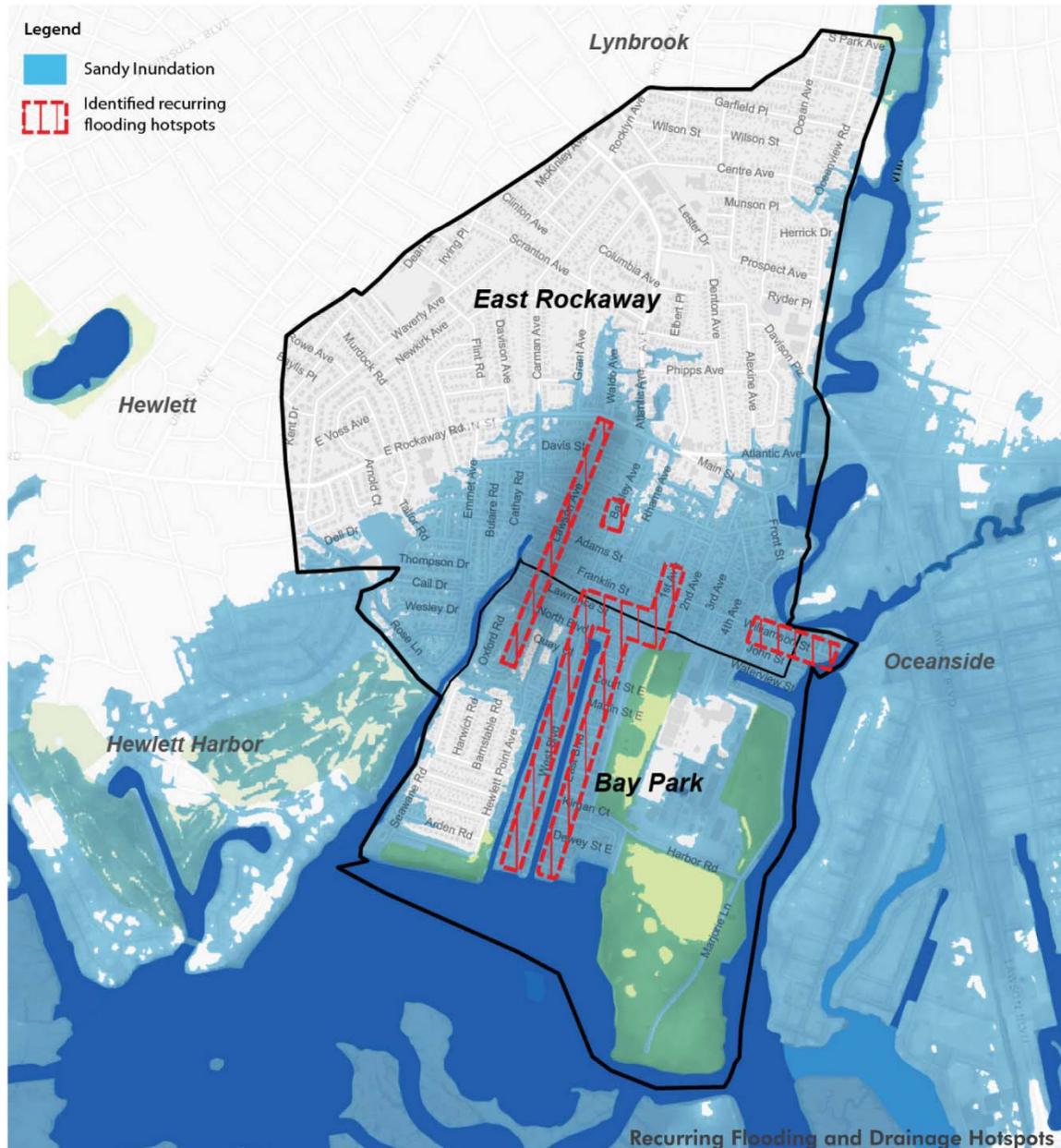
Protect the Coastline from Flooding



- Raise bulkheads to 9 feet where feasible
- Use Floodgates and levees for Higbie Creek, Thixton Creek, Grand Canal and Mill River
- Fix failing bulkheads at: South 8th Avenue/Williamson Street and East Rockaway High School
- Raise bulkhead on east side of Grand Canal
- Bulkheads along Higbie Creek
- Tidal surge barrier on Reynolds Channel



STRATEGY 2 Address Recurring Stormwater Drainage Issues



- Raise Lawson Avenue
- Use Bay County Park for stormwater retention through green infrastructure and subsurface storage.
- Drainage infrastructure upgrades (raise and strengthen storm drains)
- Outfall pipe upgrades
- Develop system-wide comprehensive stormwater management strategy
- Encourage green infrastructure improvements



Strategy 3 **Harden Municipal Infrastructure
and Improve Capability to Respond to Storm Event**



- Harden DPW garage and equipment against flooding
- Designated staging facility/municipal shelter
- Increased storage space for vehicles and equipment
- Rebuild pedestrian bridge across Higbie Creek to provide alternative evacuation route and connection between Bay County Park and Hewlett Point Park
- Low-profile boats and a high water vehicle for flood situations
- Develop Comprehensive Evacuation Plan
- Flood-proof Radio & cell phone towers
- Move utility lines underground
- Expand natural gas network
- Hardening/floodproofing at John Street Recreation Center



DPW Municipal Garage



Existing Condition

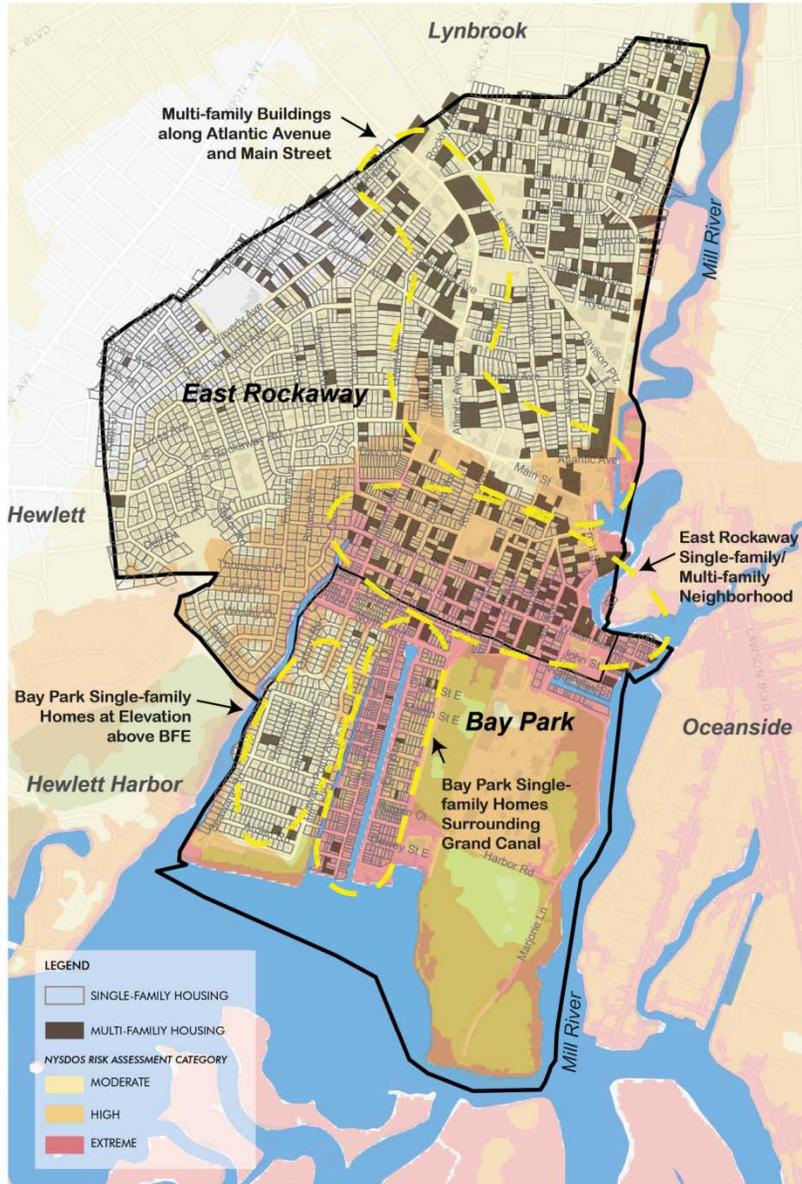


Location on Map



Pedestrian Bridge Example

Improve the Overall Quality of Life to Maintain Housing Values and Give People a Reason to Stay and Invest in the Community.



Single-family homes north of Main Street, East Rockaway



Multi-family building on Atlantic avenue



Lindenmere Apartments, East Rockaway



Raising of single story home in Bay Park

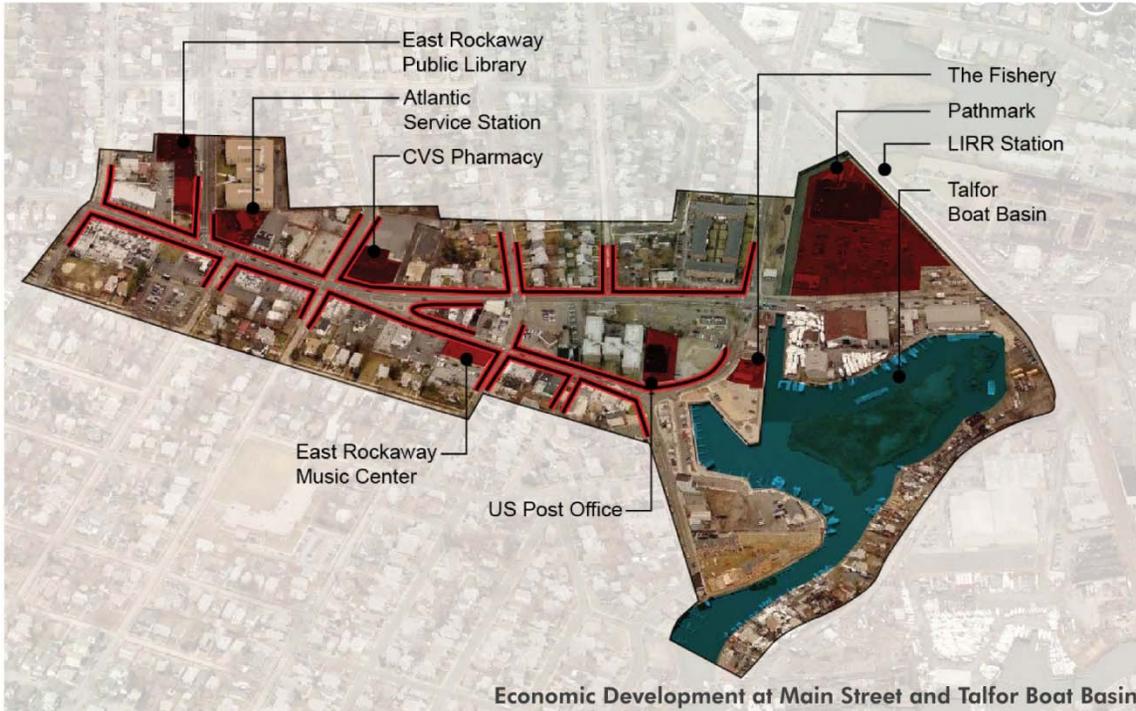


Single-family homes, Bay Park



Multi-family homes on Atlantic Avenue, East Rockaway

Strengthen the Local Economy by Making the Main Street more Resilient



"Nautical Mile" Woodcleff Avenue, Freeport, NY

- Raised the road level above the 100 year floodplain.
- Placed utilities underground
- Widening and rebuilding sidewalks.
- Providing new street furniture including lighting, benches and signage.
- Construction pedestrian plaza, a small fishing pier and gazebo.

Funding was provided by the Village of Freeport, the NYS Division of Coastal Resources, the NYS Department of Environmental Conservation, and from the Community Development Block Grant Program.



Other Harborfront Downtown Areas



- Main Street and Talfor Boat Basin: Encouraging Economic Resiliency
- New Street: Water-based Redevelopment

Past Activities on Main Street and on the Water



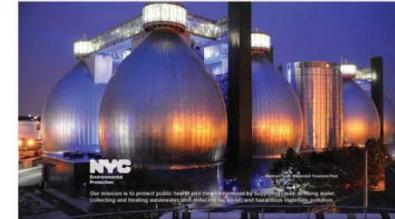
Leverage Improvements to Bay Park STP to Provide Needed Local Amenities



Bay Park Sewage Treatment Plant

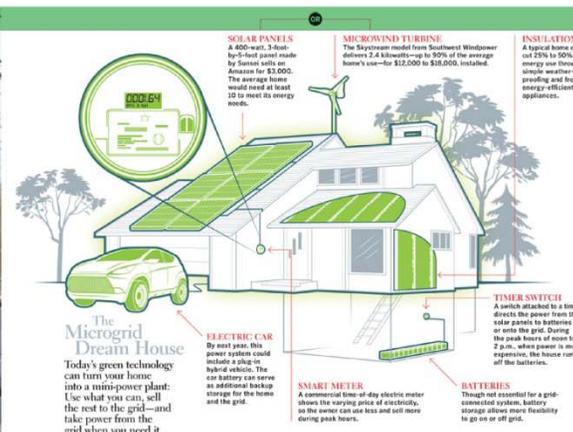
Newtown Creek Wastewater Treatment Plant Queens, New York

- Redesign included state-of-the-art Waste Water Treatment Plant
- Thoughtful development of the quarter-mile Newtown Creek Waterfront Nature Walk.



Normal J. Levy Park and Preserve Merrick, NY

- Formerly Merrick Landfill, now a park and preserve site with wildlife sanctuary.
- Owned and operated by the Town of Hempstead



Regional Context

